

Message Text

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ORIGIN EUR-12

INFO OCT-01 ISO-00 /013 R

66011
DRAFTED BY EUR/WE:HGMOEN:JKB
APPROVED BY EUR/WE-EMROWELL
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R 270130Z JUL 76
FM SECSTATE WASHDC
TO SECDEF
JCS
USCINCEUR
SETAF VICENZA

UNCLAS STATE 183388

FOLLOWING REPEAT STATE 183388 ACTION AMEMBASSY ROME
AMCONSUL MILAN O 232210Z JUL 76

QUOTE UNCLAS STATE 183388

E.O. 11652:NA

TAGS: SENV, IT, US

SUBJECT: EXPLOSION OF LETHAL GAS IN LOMBARDY

REFS: (A) STATE 182710; (B) ROME 11893

1. BASED ON A REVIEW OF INFORMATION ON TCDD THERE ARE NO KNOWN MITIGATING ACTIONS TO NEUTRALIZE EFFECTS OF PLUME WHILE AIRBORNE.

2. IN DEVELOPING RECOMMENDATIONS ON THIS INCIDENT THE FOLLOWING ASSUMPTIONS HAVE BEEN MADE:

A. IMMEDIATE AREA HAS BEEN EVACUATED.

B. PLUME IS INTACT AND ANY MOVEMENT IS DEPENDENT ON LOCAL UNCLASSIFIED

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WIND CONDITIONS.

C. GENERAL AREA OF CONTAMINATION HAS BEEN ESTIMATED.

D. WATER SUPPLY SYSTEMS COULD BE AFFECTED.

3. THE FOLLOWING EVACUATION STEPS ARE RECOMMENDED:

A. INITIALLY EVACUATE PEOPLE AND ANIMALS FROM THE ESTIMATED PERIMETER OF THE AFFECTED AREA 2,000 METERS DOWNWIND, 1,000 METERS TO THE SIDES, AND 1,000 METERS UPWIND.

B. ESTABLISH NETWORK TO ALERT POPULATION FOR FURTHER EVACUATION.

C. DEVELOP PLAN OF EXECUTION FOR EVACUATION.

4. THE FOLLOWING SURVEILLANCE AND MONITORING ACTIONS ARE RECOMMENDED:

A. IDENTIFY PRIMARY CONSTITUENTS IN PLUME AND DETERMINE THEIR PHYSICAL AND CHEMICAL CHARACTERISTICS.

B. SET UP METEOROLOGICAL STATIONS AND PREDICT PLUME MOVEMENTS.

C. USE PREDICTION INFORMATION TO IMPLEMENT APPROPRIATE EVACUATION MEASURES.

D. DETERMINE CONCENTRATIONS AND AFFECTED ZONE OF AIR CONTAMINATION AND CONTINUE MONITORING UNTIL PLUME IS DISPERSED TO TCDD LEVEL OF 2 TIMES 10 TO THE MINUS 12 GRAMS PER CUBIC METER.

E. DETERMINE CONCENTRATION AND AFFECTED ZONE OF SOIL CONTAMINATION. 50 MICROGRAMS PER ACRE ACCEPTED LEVEL. MAXIMUM SAFE LEVEL UNKNOWN.

F. EVALUATE POSSIBLE IMPACT ON SURFACE WATER AND DRINKING WATER SUPPLY. 8 TIMES 10 TO THE MINUS 11 GRAMS PER LITER
UNCLASSIFIED

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SAFE LEVEL.

5. THE FOLLOWING MITIGATION AND DECONTAMINATION ACTIONS ARE RECOMMENDED:

A. RESTRICT ACCESS TO AFFECTED AREAS UNTIL EXTENT OF CONTAMINATION OF SOIL, WATER AND CROPS ARE DETERMINED AND HAZARDS ARE EVALUATED.

B. COMMENCE DECONTAMINATION OF HIGHLY CONTAMINATED AREAS USING WASH DOWN WITH TRISODIUM PHOSPHATE OR SURFACTANTS. CAPTURE WASH WATER AND RETAIN PENDING ULTIMATE DISPOSAL RECOMMENDATIONS.

6. FURTHER GUIDANCE CAN BE SUPPLIED ON DECONTAMINATING
AFFECTED AREAS, ULTIMATE DISPOSAL OF WASH WATER AND OTHER

HIGHLY CONTAMINATED RESIDUE, AND SAFE TOLERANCE LEVELS
FOR SOIL AFTER RECEIPT OF ADDITIONAL INFORMATION RE-
GARDING ON-SITE CONDITIONS AND CONTAMINATION LEVELS. ROBINSON
UNQUOTE KISSINGER

UNCLASSIFIED

<< END OF DOCUMENT >>

Message Attributes

Automatic Decaptoning: X
Capture Date: 15 SEP 1999
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: MEDICAL CARE, REPORTS, EXPLOSIONS, CHEMICALS
Control Number: n/a
Copy: SINGLE
Draft Date: 27 JUL 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976STATE183388
Document Source: ADS
Document Unique ID: 00
Drafter: EUR/WE:HGMOEN:JKB
Enclosure: n/a
Executive Order: 11652 NA
Errors: n/a
Film Number: D760284-0994
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t197607109/baaaepme.tel
Line Count: 119
Locator: TEXT ON-LINE, TEXT ON MICROFILM
Office: ORIGIN EPA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators:
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: ShawDG
Review Comment: n/a
Review Content Flags:
Review Date: 01 JUN 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <01 JUN 2004 by chengls>; APPROVED <10 NOV 2004 by ShawDG>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: EXPLOSION OF LETHAL GAS IN LOMBARDY
TAGS: SENV, IT, US
To: SECDEF
JCS
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Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006

